



## SEQUENCE LISTING

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<120> ALLO- AND AUTO-REACTIVE T-CELL EPITOPES

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<140> 09/857,097

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<160> 152

<170> PatentIn Ver. 2.1

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<223> RhCE (R2 cE) Residues 2-16

<400> 1

Ser Ser Lys Tyr Pro Arg Ser Val Arg Arg Cys Leu Pro Leu Trp

1

5

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15

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<223> RhCE (R2 cE) Residues 12-26

<400> 2

Cys Leu Pro Leu Trp Ala Leu Thr Leu Glu Ala Ala Leu Ile Leu

1

5

10

15

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<223> RhCE (R2 cE) Residue 22-36

<400> 3  
Ala Ala Leu Ile Leu Leu Phe Tyr Phe Phe Thr His Tyr Asp Ala  
1 5 10 15

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<223> RhCE (R2 cE) Residues 32-46

<400> 4  
Thr His Tyr Asp Ala Ser Leu Glu Asp Gln Lys Gly Leu Val Ala  
1 5 10 15

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<223> RhCE (R2 cE) Residue 42-56

<400> 5  
Lys Gly Leu Val Ala Ser Tyr Gln Val Gly Gln Asp Leu Thr Val  
1 5 10 15

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<400> 6

Gln Asp Leu Thr Val Met Ala Ala Leu Gly Leu Gly Phe Leu Thr  
1 5 10 15

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<223> RhCE (R2 cE) Residue 62-76

<400> 7

Leu Gly Phe Leu Thr Ser Asn Phe Arg Arg His Ser Trp Ser Ser  
1 5 10 15

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<223> RhCE (R2 cE) Residue 72-86

<400> 8

His Ser Trp Ser Ser Val Ala Phe Asn Leu Phe Met Leu Ala Leu  
1 5 10 15

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<223> RhCE (R2 cE) Residue 82-96

<400> 9

Phe Met Leu Ala Leu Gly Val Gln Trp Ala Ile Leu Leu Asp Gly  
1 5 10 15

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<223> RhCE (R2 cE) Residue 92-106

<400> 10  
Ile Leu Leu Asp Gly Phe Leu Ser Gln Phe Pro Pro Gly Lys Val  
1 5 10 15

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<223> RhCE (R2 cE) Residue 102-116

<400> 11  
Pro Pro Gly Lys Val Val Ile Thr Leu Phe Ser Ile Arg Leu Ala  
1 5 10 15

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<212> PRT  
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<223> RhCE (R2 cE) Residue 112-126

<400> 12  
Ser Ile Arg Leu Ala Thr Met Ser Ala Met Ser Val Leu Ile Ser  
1 5 10 15

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<212> PRT  
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<223> RhCE (R2 cE) Residue 122-136

<400> 13

Ser Val Leu Ile Ser Ala Gly Ala Val Leu Gly Lys Val Asn Leu  
1 5 10 15

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<223> RhCE (R2 cE) Residue 132-146

<400> 14

Gly Lys Val Asn Leu Ala Gln Leu Val Val Met Val Leu Val Glu  
1 5 10 15

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<212> PRT

<213> Homo sapiens

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<223> RhCE (R2 cE) Residue 142-156

<400> 15

Met Val Leu Val Glu Val Thr Ala Leu Gly Thr Leu Arg Met Val  
1 5 10 15

<210> 16

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<212> PRT

<213> Homo sapiens

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<223> RhCE (R2 cE) Residue 152-166

<400> 16

Thr Leu Arg Met Val Ile Ser Asn Ile Phe Asn Thr Asp Tyr His  
1 5 10 15

<210> 17

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<212> PRT

<213> Homo sapiens

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<223> RhCE (R2 cE) Residue 162-176

<400> 17

Asn Thr Asp Tyr His Met Asn Leu Arg His Phe Tyr Val Phe Ala  
1 5 10 15

<210> 18

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<212> PRT

<213> Homo sapiens

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<223> RhCE (R2 cE) Residue 172-186

<400> 18

Phe Tyr Val Phe Ala Ala Tyr Phe Gly Leu Thr Val Ala Trp Cys  
1 5 10 15

<210> 19

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<223> RhCE (R2 cE) Residue 182-196

<400> 19

Thr Val Ala Trp Cys Leu Pro Lys Pro Leu Pro Lys Gly Thr Glu  
1 5 10 15

<210> 20  
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<223> RhCE (R2 cE) Residue 192-206

<400> 20  
Pro Lys Gly Thr Glu Asp Asn Asp Gln Arg Ala Thr Ile Pro Ser  
1 5 10 15

<210> 21  
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<212> PRT  
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<223> RhCE (R2 cE) Residue 202-216

<400> 21  
Ala Thr Ile Pro Ser Leu Ser Ala Met Leu Gly Ala Leu Phe Leu  
1 5 10 15

<210> 22  
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<223> RhCE (R2 cE) Residue 212-226

<400> 22  
Gly Ala Leu Phe Leu Trp Met Phe Trp Pro Ser Val Asn Ser Pro  
1 5 10 15

<210> 23  
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<223> RhCE (R2 cE) Residue 222-236

<400> 23

Ser Val Asn Ser Pro Leu Leu Arg Ser Pro Ile Gln Arg Lys Asn

1 5 10 15

<210> 24

<211> 15

<212> PRT

<213> Homo sapiens

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<223> RhCE (R2 cE) Residue 232-246

<400> 24

Ile Gln Arg Lys Asn Ala Met Phe Asn Thr Tyr Tyr Ala Leu Ala

1 5 10 15

<210> 25

<211> 15

<212> PRT

<213> Homo sapiens

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<223> RhCE (R2 cE) Residue 242-256

<400> 25

Tyr Tyr Ala Leu Ala Val Ser Val Val Thr Ala Ile Ser Gly Ser

1 5 10 15

<210> 26

<211> 15

<212> PRT

<213> Homo sapiens

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<223> RhCE (R2 cE) Residue 252-266

<400> 26

Ala Ile Ser Gly Ser Ser Leu Ala His Pro Gln Arg Lys Ile Ser

1 5 10 15



<210> 27  
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<223> RhCE (R2 cE) Residue 262-276

<400> 27  
Gln Arg Lys Ile Ser Met Thr Tyr Val His Ser Ala Val Leu Ala  
1 5 10 15

<210> 28  
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<223> RhCE (R2 cE) Residue 272-286

<400> 28  
Ser Ala Val Leu Ala Gly Gly Val Ala Val Gly Thr Ser Cys His  
1 5 10 15

<210> 29  
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<220>  
<223> RhCE (R2 cE) Residue 282-296

<400> 29  
Gly Thr Ser Cys His Leu Ile Pro Ser Pro Trp Leu Ala Met Val  
1 5 10 15

<210> 30  
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<212> PRT  
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<223> RhCE (R2 cE) Residue 292-306

<400> 30

Trp Leu Ala Met Val Leu Gly Leu Val Ala Gly Leu Ile Ser Ile  
1 5 10 15

<210> 31

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<223> RhCE (R2 cE) Residue 302-316

<400> 31

Gly Leu Ile Ser Ile Gly Gly Ala Lys Cys Leu Pro Val Cys Cys  
1 5 10 15

<210> 32

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<213> Homo sapiens

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<223> RhCE (R2 cE) Residue 312-326

<400> 32

Leu Pro Val Cys Cys Asn Arg Val Leu Gly Ile His His Ile Ser  
1 5 10 15

<210> 33

<211> 15

<212> PRT

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<223> RhCE (R2 cE) Residue 322-336

<400> 33

Ile His His Ile Ser Val Met His Ser Ile Phe Ser Leu Leu Gly  
1 5 10 15

<210> 34

<211> 15

<212> PRT

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<223> RhCE (R2 cE) Residue 332-346

<400> 34

Phe Ser Leu Leu Gly Leu Leu Gly Glu Ile Thr Tyr Ile Val Leu  
1 5 10 15

<210> 35

<211> 15

<212> PRT

<213> Homo sapiens

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<223> RhCE (R2 cE) Residue 342-356

<400> 35

Thr Tyr Ile Val Leu Leu Val Leu His Thr Val Trp Asn Gly Asn  
1 5 10 15

<210> 36

<211> 15

<212> PRT

<213> Homo sapiens

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<223> RhCE (R2 cE) Residue 352-366

<400> 36

Val Trp Asn Gly Asn Gly Met Ile Gly Phe Gln Val Leu Leu Ser  
1 5 10 15

<210> 37  
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<223> RhCE (R2 cE) Residue 362-376

<400> 37  
Gln Val Leu Leu Ser Ile Gly Glu Leu Ser Leu Ala Ile Val Ile  
1 5 10 15

<210> 38  
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<223> RhCE (R2 cE) Residue 372-386

<400> 38  
Leu Ala Ile Val Ile Ala Leu Thr Ser Gly Leu Leu Thr Gly Leu  
1 5 10 15

<210> 39  
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<223> RhCE (R2 cE) Residue 382-396

<400> 39  
Leu Leu Thr Gly Leu Leu Leu Asn Leu Lys Ile Trp Lys Ala Pro  
1 5 10 15

<210> 40  
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<223> RhCE (R2 cE) Residue 392-406

<400> 40

Ile Trp Lys Ala Pro His Val Ala Lys Tyr Phe Asp Asp Gln Val

1 5 10 15

<210> 41

<211> 15

<212> PRT

<213> Homo sapiens

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<223> RhCE (R2 cE) Residue 402-416

<400> 41

Phe Asp Asp Gln Val Phe Trp Lys Phe Pro His Leu Ala Val Gly

1 5 10 15

<210> 42

<211> 15

<212> PRT

<213> Homo sapiens

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<223> RhCE (R2 cE) Residue 403-417

<400> 42

Asp Asp Gln Val Phe Trp Lys Phe Pro His Leu Ala Val Gly Phe

1 5 10 15

<210> 43

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<223> RhCE (R1 Ce) Residue 2-16

<400> 43

Ser Ser Lys Tyr Pro Arg Ser Val Arg Arg Cys Leu Pro Leu Cys  
1 5 10 15

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<223> RhCE (R1 Ce) Residue 12-26

<400> 44

Cys Leu Pro Leu Cys Ala Leu Thr Leu Glu Ala Ala Leu Ile Leu  
1 5 10 15

<210> 45

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<212> PRT

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<223> RhCE (R1 Ce) Residue 212-226

<400> 45

Gly Ala Leu Phe Leu Trp Met Phe Trp Pro Ser Val Asn Ser Ala  
1 5 10 15

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<223> RhCE (R1 Ce) Residue 222-236